## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
John P. Dilger

Patent No.: 6,879,936

Issued: April 12, 2005

For:  DIAGNOSTIC APPARATUS AND METHODS
        FOR A CHEMICAL DETECTION SYSTEM

### REQUEST FOR CERTIFICATE OF CORRECTION
### PURSUANT TO 37 CFR 1.323

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA  22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

| In the Application | | In the Patent | | Error |
|---|---|---|---|---|
| **In the Drawings filed January 9, 2002:** | | | | |
| **Sheet** | **Figure** | **Sheet** | **Figure** | |
| 1 | 1A | 1 | 1A | Applicant |
| 2 | 1B | 2 | 1B | Applicant |
| 3 | 1C | 3 | 1C | Applicant |
| 4 | 2A | 4 | 2A | Applicant |
| 5 | 2B | 5 | 2B | Applicant |
| 6 | 3A | 6 | 3A | Applicant |
| 7 | 3B | 7 | 3B | Applicant |
| 9 | 4B | 9 | 4B | Applicant |
| 11 | 5B | 11 | 5B | Applicant |
| 12 | 6A | 12 | 6A | Applicant |
| 13 | 6B | 13 | 6B | Applicant |

**In the Specification filed January 9, 2002:**

| Page | Line(s) | Column | Line(s) | |
|---|---|---|---|---|
| 6 | 30 | 4 | 64 | Applicant |
| 10 | 27 | 7 | 44 | Applicant |
| 15 | 20 | 10 | 62 | Applicant |
| 15 | 28-29 | 11 | 7 | Applicant |
| 15 | 32 | 11 | 13 | Applicant |
| 15 | 33 | 11 | 14 | Applicant |

**In the Claims:**

| Amendment | Claim | Line | Column | Line(s) | |
|---|---|---|---|---|---|
| October 25, 2004 Page 3 | 7 | 6 | 11 | 65 | Applicant |
| October 25, 2004 Page 3 | 7 | 9-10 | 12 | 3 | Applicant |
| October 25, 2004 Page 3 | 7 | 11 | 12 | 5 | Applicant |
| October 25, 2004 Page 3 | 7 | 12 | 12 | 6-7 | Applicant |
| October 25, 2004 Page 4 | 9 | 5 | 12 | 14-15 | Applicant |
| October 25, 2004 Page 4 | 9 | 6-7 | 12 | 17 | Applicant |
| October 25, 2004 Page 4 | 10 | 1-2 | 12 | 18-19 | Applicant |
| October 25, 2004 Page 4 | 11 | 1-2 | 12 | 21-22 | Applicant |
| October 25, 2004 Page 4 | 11 | 7 | 12 | 30 | Applicant |
| October 25, 2004 Page 4 | 11 | 8-9 | 12 | 31-32 | Applicant |
| October 25, 2004 Page 5 | 13 | 1 | 12 | 36-37 | Applicant |
| October 25, 2004 Page 5 | 14 | 4 | 12 | 45 | Applicant |
| October 25, 2004 Page 5 | 14 | 5 | 12 | 46-47 | Applicant |
| October 25, 2004 Page 6 | 22 | 6 | 12 | 54 | Applicant |
| October 25, 2004 Page 6 | 22 | 16 | 13 | 3 | Applicant |
| October 25, 2004 Page 6 | 22 | 17 | 13 | 5-6 | Applicant |
| October 25, 2004 Page 7 | 23 | 6 | 13 | 13 | Applicant |
| October 25, 2004 Page 7 | 23 | 9-10 | 13 | 18 | Applicant |

| October 25, 2004 Page 7 | 23 | 10-11 | 13 | 19-20 | Applicant |
|---|---|---|---|---|---|
| October 25, 2004 Page 7 | 23 | 17-18 | 13 | 30-32 | Applicant |
| October 25, 2004 Page 8 | 25 | 6 | 13 | 41 | Applicant |
| October 25, 2004 Page 8 | 25 | 14-15 | 14 | 1-4 | Applicant |
| October 25, 2004 Page 9 | 26 | 6 | 14 | 12 | Applicant |
| October 25, 2004 Page 9 | 26 | 10-11 | 14 | 20 | Applicant |
| October 25, 2004 Page 9 | 26 | 12 | 14 | 22 | Applicant |
| October 25, 2004 Page 9 | 26 | 13 | 14 | 24 | Applicant |
| October 25, 2004 Page 9 | 26 | 14 | 14 | 25 | Applicant |
| October 25, 2004 Page 10 | 27 | 6 | 14 | 35 | Applicant |
| October 25, 2004 Page 10 | 27 | 12 | 14 | 44-45 | Applicant |
| October 25, 2004 Page 10 | 27 | 13 | 14 | 46-47 | Applicant |
| October 25, 2004 Page 10 | 27 | 14 | 14 | 48-49 | Applicant |
| October 25, 2004 Page 10 | 27 | 15 | 14 | 50 | Applicant |

The errors were found in the application as filed by Applicant. Accordingly, a payment in the amount of $100.00 covering the fee set forth in 37 CFR 1.20(a) is submitted herewith. The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed with respect to the above-identified patent) to our Deposit Account No. 13-2855, under Order No. 06005/37770.

Dated:  November 15, 2010                    Respectfully submitted,

By _____

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# UNITED STATES PATENT AND TRADEMARK OFFICE
## CERTIFICATE OF CORRECTION

PATENT NO.          :          6,879,936

APPLICATION NO.   :          10/042,979

ISSUE DATE          :          April 12, 2005

INVENTOR(S)        :          John P. Dilger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>In the Drawings:</u>

Replace Sheet 1, Figure 1A with the version attached hereto;
Replace Sheet 2, Figure 1B with the version attached hereto;
Replace Sheet 3, Figure 1C with the version attached hereto;
Replace Sheet 4, Figure 2A with the version attached hereto;
Replace Sheet 5, Figure 2B with the version attached hereto;
Replace Sheet 6, Figure 3A with the version attached hereto;
Replace Sheet 7, Figure 3B with the version attached hereto;
Replace Sheet 9, Figure 4B with the version attached hereto;
Replace Sheet 11, Figure 5B with the version attached hereto;
Replace Sheet 12, Figure 6A with the version attached hereto;
Replace Sheet 13, Figure 6B with the version attached hereto.

<u>In the Specification:</u>

At column 4, line 64, "the ejector 114" should be --the ejector 140--;
At column 7, line 44, "proscribed" should be --prescribed--;
At column 10, line 62, "atmospheric sample valve 130" should be --emission sample valve 130--;
At column 11, line 7, "atmospheric sample valve 130" should be --emission sample valve 130--;
At column 11, line 13, "diagnostic memory 408." should be --diagnostic memory 408, step S609.--;
At column 11, line 14, "detected, step S609," should be –detected,--.

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# UNITED STATES PATENT AND TRADEMARK OFFICE
## CERTIFICATE OF CORRECTION

In the Claims:

In Claim 6, at column 11, line 65, "measuring the response of a chemical sensor" should be --measuring the response of the chemical sensor--;

In Claim 6, at column 12, line 3, "diagnostic routines includes confirming" should be --diagnostic routines include confirming--;

In Claim 6, at column 12, line 5, "substantial amount of an emission" should be --substantial amount of the emission--;

In Claim 6, at column 12, lines 6-7, "the diagnostic routine further validating" should be --the diagnostic routines further validating--;

In Claim 7, at column 12, lines 14-15, "without exposure to an emission," should be --without exposure to the emission--;

In Claim 7, at column 12, line 17, "without exposure to an emission," should be --without exposure to the emission--;

In Claim 8, at column 12, lines 18-19, "diagnostic routine includes quantifying" should be --diagnostic routines include quantifying--;

In Claim 9, at column 12, lines 21-22, "diagnostic routine further includes computing" should be --diagnostic routines further include computing--;

In Claim 9, at column 12, line 30, "without exposure to an emission" should be --without exposure to the emission--;

In Claim 9, at column 12, lines 31-32, "computed value under static flow conditions with exposure to an emission." should be --computed under static flow conditions with exposure to the emission.--;

In Claim 11, at column 12, lines 36-37, "wherein quantifying chemical sensor" should be --wherein quantifying the chemical sensor--;

In Claim 12, at column 12, line 45, "value stored in memory" should be --value stored in the memory device--;

In Claim 12, at column 12, lines 46-47, "conditions without exposure to an emission." should be --conditions without exposure to the emission.--;

In Claim 13, at column 12, line 54, "response of a chemical sensor" should be --response of the chemical sensor--;

In Claim 13, at column 13, line 3, "substantial exposure to an emission," should be --substantial exposure to the emission,--;

In Claim 13, at column 13, lines 5-6, "substantial exposure to an emission." should be --substantial exposure to the emission.--;

In Claim 14, at column 13, line 13, "response of a chemical sensor" should be --response of the chemical sensor--;

In Claim 14, at column 13, line 18, "diagnostic routine includes quantifying" should be --diagnostic routines include quantifying--;

In Claim 14, at column 13, lines 19-20, "diagnostic routine further including" should be --diagnostic routines further including--;

In Claim 14, at column 13, lines 30-32, "computed value under static flow conditions with exposure to an emission." should be --computed under static flow conditions with exposure to the emission--;

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## CERTIFICATE OF CORRECTION

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In Claim 15, at column 13, line 41, "response of a chemical sensor" should be --response of the chemical sensor--;

In Claim 15, at column 14, lines 1-4, "to the emission, wherein the configuration sensor response value is computed under static flow conditions prior to exposure to the emission." should be --to the emissions, wherein the configuration sensor response is computed under static flow conditions prior to exposure to the emissions.--

In Claim 16, at column 14, line 12, "response of a chemical sensor" should be --response of the chemical sensor--;

In Claim 16, at column 14, line 20, "stored in the memory device," should be --stored in a memory device,--;

In Claim 16, at column 14, line 22, "exposure to the emission and" should be --exposure to the emissions and --;

In Claim 16, at column 14, line 24, "exposure to the emission;" should be --exposure to the emissions;--;

In Claim 16, at column 14, line 25, "storing response data in a memory device;" should be --storing response data in the memory device;--;

In Claim 17, at column 14, line 35, "response of a chemical sensor" should be --response of the chemical sensor--;

In Claim 17, at column 14, lines 44-45, "value stored in memory," should be --value stored in a memory device,--;

In Claim 17, at column 14, lines 46-47, "without exposure to an emission" should be --without exposure to the emissions--;

In Claim 17, at column 14, lines 48-49, "computed value under static flow conditions prior to exposure to an emission" should be --computed under static flow conditions prior to exposure to the emission--;

In Claim 17, at column 14, line 50, "storing response data in a memory device;" should be --storing response data in the memory device;--.

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